

Application No. 10/609,005
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REMARKS

Claims 52-81 and 85-101 were pending in the application. Claims 52-61, 66-69, 71, 72, 77-81, and 85-97 were rejected. Claims 62-65, 70, 73-76, 95, and 98-101 were objected to. Claims 52, 57-59, 61, 67-69, 72, 78-81, 85-91, 93, 94, and 97 are canceled without prejudice to or disclaimer of the subject matter recited therein. Claims 53, 60, 62, 65, 66, 70, 71, 73, 77, 92, 95, 96, and 98 are amended. Claims 102-109 are added. Claims 53-56, 60, 62-66, 70, 71, 73-77, 92, 95, 96, and 98-109 are now pending in the application. Claims 62, 70, 73, and 98 are the independent claims. Reconsideration of the amended application is respectfully requested.

The examiner objected to claims 65 and 94 as having incorrect dependencies. Claims 65 is amended to correct the dependency in the manner suggested by the examiner, and claim 94 is canceled. The objection, therefore, should be withdrawn.

The examiner rejected claims 85-87 as being anticipated by Ghosh et al.; claims 52, 57, 66, and 91-93 as being unpatentable over Ghosh et al.; claims 52-57, 66-68, 77-81, and 85-93 as being unpatentable over Tang et al.; claims 58, 60, 61, 94, 96, and 97 as being unpatentable over Ghosh et al., in view of O'Brien et al.; claims 58, 60, 61, 69, 71, 72, 94, 96, and 97 as being unpatentable over Tang et al., in view of O'Brien; and claims 52, 57-59, and 91-94 as being unpatentable over claims 1-9 of U.S. Patent No. 6,613,124 (double patenting). The examiner also objected to claims 62-65, 70, 73-76, 95, and 98-101 as depending from rejected a base claim, but acknowledged that these claims would be allowable if rewritten in independent form, including all the features of the base claims and any intervening claims.

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Claim 62 is amended into independent form, including all of the features of independent claim 52 and intervening claims 57, 58, and 61, which are canceled. The objection to claim 62, therefore, should be withdrawn. Claims 63-65 depend from claim 62. The objection to claims 63-65, therefore, should be withdrawn. Claims 53-56, 60, and 66 are amended to depend from claim 62. The rejection of claims 53-56, 60, and 66, therefore, should be withdrawn. Claim 59 is canceled.

Claim 70 is amended into independent form, including all of the features of independent claim 67 and intervening claims 68 and 69, which are canceled. The objection to claim 70, therefore, should be withdrawn. Claims 71 and 77 are amended to depend from claim 70. The rejections of claims 71 and 77, therefore, should be withdrawn. New claims 102-106 are added, reciting the features of claims 72-76, respectively, and depending from claim 70. It is respectfully submitted that claims 102-106 are allowable.

Claim 73 is amended into independent form, including all of the features of independent claim 67 and intervening claims 68, 69, and 72, which are canceled. The objection to claim 73, therefore, should be withdrawn. Claims 74-76 depend from claim 73. The objection to claims 74-76, therefore, should be withdrawn. New claims 107-109 recite the features of claims 70, 71, and 77, respectively, and depend from claim 73. It is respectfully submitted that claims 107-109 are allowable.

Claims 78-81 are canceled.

Claims 85-90 are canceled.

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Claim 98 is amended into independent form, including all of the features of independent claim 91 and intervening claims 93, 94, and 97, which are canceled. The objection to claim 98, therefore, should be withdrawn. Claims 99-101 depend from claim 98. The objection to claims 99-101, therefore, should be withdrawn. Claims 92, 95, and 96 are amended to depend from claim 98. The rejections of claims 92, 95, and 96, therefore, should be withdrawn.

It is submitted that all objections and rejections have been overcome. It is therefore requested that the Amendment be entered, the claims allowed, and the case passed to issue.

Respectfully submitted,

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